

## MicroStation File and Model Naming Convention

A project file will contain all models necessary to provide the CADD details for the project. The explanation of the specific use of models for Preliminary Design and Final Design are provided below.

### For Preliminary Design:

- The file is named STR\_CCRRRPPP\_design firm\_laRCS Zone.dgn (i.e. STR\_42065042\_DOT\_Z04.dgn or STR\_42065042\_XYZCRP\_Z04.dgn) where the paren number is for the project. Always use three digits for the route and paren number using a preceding zero when necessary.
- The model names containing the preliminary layout of the structures is STR\_Prelim\_Pipes or STR\_Prelim\_Designs. These models provide separation of the pipes and the designed bridges and culverts for use by Office of Design and final bridge designers.
- The model name for providing cross sections for pipe structures is XSect\_Prelim\_Pipes.
- Model names for each TSL within the project area of the STR file are named TSL\_CC\_DDDD (i.e. TSL\_42\_0110). Always use four digits for the design number using a preceding zero when necessary.
- For multiple TSL sheets for any one structure/design number, add an \_01, \_02, etc. to the end of the model name (i.e. TSL\_42\_0110\_01, TSL\_42\_0110\_02, etc.).

### For Final Design:

- The file is named BRG\_CCRRRPPP.dgn (i.e. BRG\_42065042.dgn) where the paren number is for the structure(s) of the project. The county should be the county number used in the project number. Always use three digits for the route and paren number using a preceding zero when necessary. The BRG prefix should always be used to designate the structures project file regardless if the structures are bridges or culverts.
- Model names for each plan sheet are named CCDDDDsXXX (i.e. 420110s000). Always use four digits for the design number using a preceding zero when necessary.
- For multiple county projects use the county the structure is located at for the model naming convention.
- Types of sheet designations are as follows:

Description	Sheet Designation	Example
Project Border Information	bdr	420110bdr
Title Sheet	s000	420110s000
Revision Sheet	s000RA	420110s000RA
Estimate Sheet	s001	420110s001
Summary Sheet	S00?	420110s002
General Notes	S00?	420110s003
Plan and Profile Sheet(s)	s00?p	420110s004p
Detail Sheets	s00?-s0??	420110s005-420110s099
Cast-in-place Alternate	sc00?-sc0??	420110sc005-420110sc099
Precast Alternate	sp00?-sp0??	420110sp005-420110sp099

? is the next number in the set of plan sheets

- Typically the estimate sheet and general notes and are on separate sheets. Occasionally, more than one of these sheets is needed. Numbering in the model name would just increase by one.
- The summary sheet is included for new structures and would have the next sequential number in the model name.
- Typically s004p would be for the plan and profile sheet model name when only one sheet is needed to show the plan view. The second sheet, if needed, would use s005p and numbering would continue as needed.

- The detail sheets start with the number immediately following the last plan and profile sheet. Typically s005 would be for the first detail sheet model name when only one sheet is needed to show the plan view.
- If a culvert design is a candidate for either a precast or cast-in-place culvert, model names are based on which alternative is detailed in those models in the set of plans. sc is used for the cast-in-place culvert models and sp for the precast culvert models.

Models will also be used for CADD detail support files. Cells are managed as separate models in the cell libraries. Standards/worksheets in a series are separate models in one file.